Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Friday 26 Nov 2021 until 23:59 on Saturday 27 Nov 2021

Forecast Issued on Friday 26 Nov 2021 at 01:13

Confidence: High for very unsettled, windy and wintry weather through Friday and a gradual settling down of conditions over the weekend, but lower for timings of more persistent precipitation, peak wind speeds and the timing of the change to milder conditions early next week.

Headline for Friday 26 Nov 2021: Overnight precipitation clearing then sunny spells and wintry showers. Longer spell of snow likely late evening. Very cold and windy.

Mountain weather hazards on Friday 26 Nov 2021

Blizzards
No Likelihood

Heavy Snow
Low Likelihood

Storm force winds
Low Likelihood

Gales
High Likelihood

Severe chill effect
High Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sleet	Sleet showers	Sunny intervals	Cloudy	Heavy snow showers (night)	Heavy snow showers (night)
Precipitation probability					
80%	30%	20%	20%	30%	70%

Forecast for Friday 26 Nov 2021

Weather: Cloudy with outbreaks of occasionally heavy rain and initially sleet or wet snow. The precipitation turns more showery around dawn and the showers, while becoming fewer and further between turn increasingly to snow, with sunny spells developing. Showers merging to give a longer spell of snow towards later this evening, towards midnight, with possible blizzard conditions.

Chance of cloud free mountain/hill tops above 600m: Little chance at first improving to 75% through the morning. Chances fall again through the evening.

Visibility: Periods or persistent cloud above 450-600m with patches below at first, gradually becoming more occasional above 600m through the morning before increasing again in evening. Otherwise visibility several kilometres in rain and sleet, becoming very good between the showers through daylight hours and at first this evening.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Friday 26 Nov 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	23/30 W	19/28 NW	22/32 NW	24/34 NW	29/41 NW	28/42 N	38/55 N
300	15/33 W	13/27 NW	14/30 NW	15/31 NW	20/40 NW	20/42 N	27/55 N
Valley	8/25 W	10/25 NW	13/28 NW	12/28 NW	16/35 NW	20/44 N	24/52 N

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-3	1/-5	0/-7	-1/-9	-2/-10	-1/-9	-0/-9
300	6/1	3/-1	3/-2	1/-4	0/-6	1/-6	0/-7
Valley	6/4	5/2	5/1	3/-1	2/-3	2/-4	2/-4
Freezing Level*	1000m	700m	400m	300m	300m	400m	400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts around 60mph through early hours and then again in the evening over ridges and summits. Severe chill effect, especially at higher elevations.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Fri 26 Nov 2021	5.4mm	8.2mm	8.2mm

Forecast for Saturday 27 Nov 2021

Weather: Heavy overnight snow, perhaps turning rain or sleet below about 600m for a time, with blizzard conditions possible, clearing soon after dawn. Cloud breaking and lifting in the morning to leave some good spells of sunshine and just a few snow showers through the rest of the day.

Maximum wind: Northerly 40-50mph, with gusts around 80mph over ridges and summits, through the early hours, slowly easing 25-30mph, gusts around 50mph over ridges and summits, through the day. Severe chill effect and lying snow drifting or blowing in the very strong winds.

Chance of cloud free mountain/hill tops above 600m: Little chance at first but close to 75% by mid-morning.

Visibility: Persistent cloud above 450-600m becoming more occasional above 600m by mid-morning. Otherwise visibility very good falling to just a few kilometres in snow showers and less than a kilometre in heavier overnight snow and near zero in blizzards and any blowing or drifting snow.

Temperature: **Valleys:** Around plus 2 Celsius at dawn rising to plus 5 Celsius by day
At 600m: Around minus 1 Celsius, briefly rising to plus 2 Celsius then falling to minus 3 Celsius.
Freezing level: 450m rising briefly overnight to 750m then becoming 300m or less

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